

STANFORD UNIVERSITY
STANFORD, CALIFORNIA

DEPARTMENT OF BIOLOGICAL SCIENCES

November 14, 1949

Dr. G. W. Beadle
Division of Biological Sciences
California Institute of Technology
Pasadena, California

Dear Beets:

I am sorry to keep bothering you this way with requests for still more mutant strains of *Neurospora*. I hope that these requests will not cause too much additional work for the person who prepares the stocks for sending particularly if it is Mary. The stocks we would like to have are needed, as the previous ones we requested, for checking identity with some of the mutants with similar behavior which we have gotten either from x-ray, or in larger part from methylcholanthrene and other carcinogen treated microconidia. I am enclosing a list of the culture numbers which we should like to try in this way. In addition to the numbers and this list we have turned up a number of prolineless mutants. The only prolineless strain we have in our stocks is 21863. We understood that Fincham was working out the genetics of members of this group and wondered if the genetic identity of strains in this group have been worked out sufficiently so that representatives of any prolineless mutants other than 21863 are known, and if they could be sent for genetics tests.

Incidentally, our secretary, as well as myself, was greatly impressed by the beauty of your last letter. We deduced that it was typed on an electrical typewriter. Is this correct? We are extremely envious.

Thanks in advance for helping us with the strains, particularly since I know what a chore getting cultures ready for sending out can be.

With very best regards,



E. L. Tatum

ELT:m
Enclosure

PS. I have just sent off a lyophil culture of K-12 *E. coli* requested the other day by Norm. If he wants any of the other mutants in this stock we shall be glad to send them too.